M A R K E T O R G A N I Z E R

STRENGTHENING REPORT

METALS & MINING

Strengthened
"I have a market edge when I am unorganized"

Said no one, ever

5 Average

Relative strongest: Copper, Gold

<u>Strengthened:</u> Aluminum, Copper, Gold, Industrial Metals/Minerals, Silver, Steel/Iron

Metals/Minerals, Steel/Iron

Weakened: Nonmetallic Mineral Mining

		LONGEST PERIOD					SHORTEST PERIOD		
OVERVIEW		60 E	60 Days - 02/13/23 to		30 Days	03/15/23 to	14 Days - 03/31/23 to	8 Days - 04/06/23 to	Chatter 04/44/22
Index/Sector/Industry/Sub-Industry		04/14/23				/14/23	04/14/23	04/14/23	Status 04/14/23
METALS & MINING		Unchanged		Strengthened		Strengthened	Strengthened	5 Average	
METALS & MINING - Aluminum (5)		Weakened			changed	Weakened	Strengthened	6 Weak	
• * *			Weakene				Strengthened	Strengthened	3 Stronger
METALS & MINING - Copper (2)		Strengthened			Strengthened Strengthened		Strengthened	Strengthened	3 Stronger
METALS & MINING - Gold (10)		_					Strengthened	Strengthened	6 Weak
METALS & MINING - Industrial Metals & Minerals (18)		Weakened			Strengthened			Weakened	
METALS & MINING - Nonmetallic Mineral Mining (3)		Strengthened			Strengthened		Strengthened		5 Average
METALS & MINING - Silver (6)		Strengthened			Strengthened Weakened		Strengthened	Strengthened	4 Strong
METALS & MINING - Steel & Iron (9)		Weakened			WE	акепеа	Weakened	Strengthened	6 Weak
<u> </u>		·		•			•		
			•		ı	•		·	
SORT by PERIOD	an asiasins asiasins		***				Lower Strength	STRENGTH CHANGE	Higher Strength
SHORTEST PERIOD	8 Days - 04/06/23 to 04/14/23	#	Min	Max	Avg	Status	KEY: No change		-> Strengthened
METALS & MINING	Strengthened	53		9%		Ů		-> -> ->	
METALS & MINING - Aluminum	Strengthened	5	- 7%	3%	0%	6 Weak		-> ->	
METALS & MINING - Copper	Strengthened	2	7%	8 %	7 %	3 Stronger		->	-> -> -> ->
METALS & MINING - Gold	Strengthened	10	4 -5%	7%	1%	3 Stronger			-> -> ->
METALS & MINING - Industrial Metals & Minerals	Strengthened	18	-1%	9%	4%	6 Weak		-> ->	
METALS & MINING - Nonmetallic Mineral Mining	Weakened	3	- 3%	2%	0%	5 Average		<- <- <-	
METALS & MINING - Silver	Strengthened	6	-4%	3%	0%	4 Strong		-> ->	
METALS & MINING - Steel & Iron	Strengthened	9	0%	5 %	2%	6 Weak		-> ->	
SECOND-SHORTEST PERIOD	14 Days - 03/31/23 to 04/14/23	#	Min	Max	Avg	Status	KEY: No change	<- Weakened	> Strengthened
METALS & MINING	Strengthened	53	12 %	24%	1%		The strange	-> ->	- care garance
METALS & MINING - Aluminum	Weakened	5	12%	-2%	□ -6%	6 Weak		<- <-	
			1 1	-2%	1			c- c-	
METALS & MINING - Copper	Strengthened	2 10	5% 1%	14%	■ 6% ■ 7%	3 Stronger			-> -> -> -> -> -> ->
METALS & MINING - Gold	Strengthened				1	3 Stronger			-> -> -> ->
METALS & MINING - Industrial Metals & Minerals	Strengthened	18	- 8%	24%	1%	6 Weak		-> ->	
METALS & MINING - Nonmetallic Mineral Mining	Strengthened	3	1 -5%	4% 9%	-1%	5 Average		-> -> -> -> -> -> -> ->	
METALS & MINING - Silver	Strengthened	6	-1%	,-	4 %	4 Strong			
METALS & MINING - Steel & Iron	Weakened	9	□ -8%	-1%	 -4%	6 Weak		<- <- <-	
•	•	•							
<u>· </u>								<u> </u>	
SECOND-LONGEST PERIOD	30 Days - 03/15/23 to 04/14/23	#	Min	Max	Avg	Status	KEY: No change		-> Strengthened
METALS & MINING	Strengthened	53		34%	10%	ŭ		-> -> -> ->	
METALS & MINING - Aluminum	Unchanged	5	-3%	5 %	2%	6 Weak			
METALS & MINING - Copper	Strengthened	2	18%	22%	20%	3 Stronger			-> -> -> ->
METALS & MINING - Gold	Strengthened	10	7 %	26%	17%	3 Stronger			-> -> -> ->
METALS & MINING - Industrial Metals & Minerals	Strengthened	18	- 5%	34%	= 8%	6 Weak	-> -> ->		
METALS & MINING - Nonmetallic Mineral Mining	Strengthened	3	2%	24%	15%	5 Average	-> -> -> -> ->		
METALS & MINING - Silver	Strengthened	6	7%	17%	13%	4 Strong	->	-> -> -> -> -> ->	
METALS & MINING - Steel & Iron	Weakened	9	2 0%	12%	1%	6 Weak		<- <- <-	
·	•				·				
LONGEST PERIOD	60 Days - 02/13/23 to 04/14/23	#	Min	Max	Avg	Status	KEY: No change	<- Weakened	-> Strengthened
METALS & MINING	Unchanged	53	_	31%		5 Average			
METALS & MINING - Aluminum	Weakened	5	23%	12%	-6%	6 Weak		<- <-	
METALS & MINING - Copper	Weakened	2	2%	9%	= 6%	3 Stronger		<u> </u>	<- <-
METALS & MINING - Gold	Strengthened	10	3%	29%	17%	3 Stronger		-> -> -> ->	-> -> -> ->
METALS & MINING - Industrial Metals & Minerals	Weakened	18	25%	31%	- 5%	6 Weak		<- <- <- <-	
METALS & MINING - Nonmetallic Mineral Mining	Strengthened	3	1 1%	1 1%	3%	5 Average	<u>-></u>	-> -> -> ->	
METALS & MINING - Silver	Strengthened	6	2%	28%	13%	4 Strong		-> -> -> -> -> ->	
METALS & MINING - Steel & Iron	Weakened	9	26%	-7%	-13%	6 Weak		<- <- <- <- <- <-	<- <- <- <-
	·		. +5/0	. '	. 125/0				
1								maria di	

S T O C K M A R K E T O R G A N I Z E R

STRENGTHENING REPORT

METALS & MINING

Strengthened
"I have a market edge when I am unorganized"

Said no one, ever

5 Average

Relative strongest: Copper, Gold

<u>Strengthened:</u> Aluminum, Copper, Gold, Industrial Metals/Minerals, Silver, Steel/Iron

Metals/Minerals, Steel/Iron

Weakened: Nonmetallic Mineral Mining

	L	LONGEST PERIOD					SHORTEST PERIOD	
OVERVIEW	60	Days - 02/1	3/23 to	30 Days -	03/15/23 to	14 Days - 03/31/23 to	8 Days - 04/06/23 to	Status 04/14/23
Index/Sector/Industry/Sub-Industry		04/14/2	3	04/	14/23	04/14/23	04/14/23	3tatus 04/14/23
METALS & MINING		Unchange			gthened	Strengthened	Strengthened	5 Average
METALS & MINING - Aluminum (5)		Weakene			hanged	Weakened	Strengthened	6 Weak
METALS & MINING - Copper (2)		Weakene			gthened	Strengthened Strengthened	Strengthened	3 Stronger
METALS & MINING - Gold (10) METALS & MINING - Industrial Metals & Minerals (18)		Strengther Weakene			gthened gthened	Strengthened	Strengthened Strengthened	3 Stronger 6 Weak
METALS & MINING - Industrial Metals & Minerals (18) METALS & MINING - Nonmetallic Mineral Mining (3)		Strengther			gthened	Strengthened	Weakened	5 Average
METALS & MINING - Silver (6)		Strengther			gthened	Strengthened	Strengthened	4 Strong
METALS & MINING - Steel & Iron (9)		Weakene			akened	Weakened	Strengthened	6 Weak
SORT by SUB-INDUSTRY						Lower Strength	STRENGTH CHANGE	Higher Strength
METALS & MINING	#	Min	Max	Avg	Status	KEY: No change		-> Strengthened
8 Days - 04/06/23 to 04/14/23 Strengthened	53	-1%	9%		5 Average		-> -> ->	- gg.
14 Days - 03/31/23 to 04/14/23 Strengthened	53	-12%	24%		5 Average		-> ->	
30 Days - 03/15/23 to 04/14/23 Strengthened	53	20%	34%	10%	5 Average		-> -> -> ->	
60 Days - 02/13/23 to 04/14/23 Unchanged	53	-26%	31%	1%	5 Average			
METALS & MINING - Aluminum		=	i 201	i 00/	CMI		III II	
8 Days - 04/06/23 to 04/14/23 Strengthened 14 Days - 03/31/23 to 04/14/23 Weakened	5	□-7% □-12%	3% -2%	0% -6%	6 Weak 6 Weak		-> -> <- <-	
30 Days - 03/15/23 to 04/14/23 Weakened Unchanged	5	-3%	-2% 5%	2%	6 Weak			
60 Days - 02/13/23 to 04/14/23 Weakened	5	23%	12%	-6 %	6 Weak		<- <-	
METALS & MINING - Copper							,,	
8 Days - 04/06/23 to 04/14/23 Strengthened	2	7%	8%	7 %	3 Stronger		->	-> -> -> ->
14 Days - 03/31/23 to 04/14/23 Strengthened	2	5%	6%	6%	3 Stronger			-> -> -> ->
30 Days - 03/15/23 to 04/14/23 Strengthened 60 Days - 02/13/23 to 04/14/23 Weakened	2	18% 12%	22% 9%	20% ■ 6%	3 Stronger 3 Stronger		-> -> ->	-> -> -> -> -> <- <- <-
00 Duly 02/13/25 to 04/14/25		270	_ 5/0	j= 070	3 Stronger			- NININ
METALS & MINING - Gold								
8 Days - 04/06/23 to 04/14/23 Strengthened	10	- 5%	7%	1%	3 Stronger			-> -> ->
14 Days - 03/31/23 to 04/14/23 Strengthened	10	1%	14%	7 %	3 Stronger			-> -> -> ->
30 Days - 03/15/23 to 04/14/23 Strengthened	10	7%	26%	17%	3 Stronger			-> -> -> ->
60 Days - 02/13/23 to 04/14/23 Strengthened	10	3%	29%	17%	3 Stronger		3555	-> -> -> ->
METALS & MINING - Industrial Metals & Minerals								
8 Days - 04/06/23 to 04/14/23 Strengthened	18	-1%	9%	4%	6 Weak		-> ->	
14 Days - 03/31/23 to 04/14/23 Strengthened	18	= -8%	24%	1%	6 Weak		-> ->	
30 Days - 03/15/23 to 04/14/23 Strengthened	18	1 -5%	34%	= 8%	6 Weak	-> -> ->		
60 Days - 02/13/23 to 04/14/23 Weakened	18	25%	31%	⋢ -5%	6 Weak		<- <- <- <-	
METALS & MINING - Nonmetallic Mineral Mining								
8 Days - 04/06/23 to 04/14/23 Weakened	3	I -3%	2%	0%	5 Average		<- <- <-	
14 Days - 03/31/23 to 04/14/23 Strengthened	3	1 -5%	4%	-1%	5 Average		-> -> ->	
30 Days - 03/15/23 to 04/14/23 Strengthened	3	2%	24%	15%	5 Average	-> -> -> -> ->	-> -> -> ->	
60 Days - 02/13/23 to 04/14/23 Strengthened	3	1 1%	11%	3%	5 Average	->	-> -> -> ->	
METALS & MINING - Silver 8 Days - 04/06/23 to 04/14/23 Strengthened	6	407	3%	• 0%	4 Strong		-> ->	
14 Days - 03/31/23 to 04/14/23 Strengthened	6	-4% -1%	9%	4%	4 Strong		-> -> -> -> ->	
30 Days - 03/15/23 to 04/14/23 Strengthened	6	7%	17%	13%	4 Strong	۰>	.> -> -> -> -> -> ->	
60 Days - 02/13/23 to 04/14/23 Strengthened	6	2%	28%	13%	4 Strong		-> -> -> -> -> ->	
METALS & MINING - Steel & Iron		ا مدا	in	in and	CW !			
8 Days - 04/06/23 to 04/14/23 Strengthened 14 Days - 03/31/23 to 04/14/23 Weakened	9	0% □-8%	5% -1%	2% -4%	6 Weak 6 Weak		-> -> <- <- <-	
30 Days - 03/15/23 to 04/14/23 Weakened Weakened	9	20%	-1% 12%	1%	6 Weak		<- <- <-	
60 Days - 02/13/23 to 04/14/23 Weakened	9	26%	-7%	-13%	6 Weak		<- <- <- <- <- <-	<- <- <- <-
							, ,	
8 Days - 04/06/23 to 04/14/23			·					
14 Days - 03/31/23 to 04/14/23 30 Days - 03/15/23 to 04/14/23							1	
30 Days - 03/15/23 to 04/14/23 60 Days - 02/13/23 to 04/14/23	•	1		:	:			
	•	·			•			
8 Days - 04/06/23 to 04/14/23								
14 Days - 03/31/23 to 04/14/23			·				1	
30 Days - 03/15/23 to 04/14/23			·				1	
60 Days - 02/13/23 to 04/14/23							1	

M A R K E T O R G A N I Z E R

STRENGTHENING REPORT

METALS & MINING

Strengthened
"I have a market edge when I am unorganized"

Said no one, ever

5 Average Relative strongest: Copper, Gold Metals/Minerals, Steel/Iron <u>Strengthened:</u> Aluminum, Copper, Gold, Industrial Metals/Minerals, Silver, Steel/Iron **Weakened:** Nonmetallic Mineral Mining

	1 week 04/05/22 to 04/14/22						Lowe	r Strongth	STRENCTH CHANCE	Higher Strongth
Conton	1 week 04/06/23 to 04/14/23 Sub-Industry	Componi		Donk	Tieles	9/ Cha Status		r Strength	STRENGTH CHANGE	Higher Strength
Sector Basic Materials	METALS & MINING - Aluminum	Company Arconic Corp	2.0	Rank 1	Ticker ARNC	% Chg Status 1% 3 Stronger	KEY:	No change	<- Weakened	-> Strengthened
Basic Materials	METALS & MINING - Aluminum METALS & MINING - Aluminum	Constellium NV	2.0	2	CSTM				_	
	METALS & MINING - Aluminum METALS & MINING - Aluminum		3.0	3	CENX	3% 5 Average 2% 5 Average				
Basic Materials		Century Aluminum Company		4				-> ->	-> -> -> ->	
Basic Materials Basic Materials	METALS & MINING - Aluminum METALS & MINING - Aluminum	Alcoa Corporation	1.5 1.5	5	AA KALU	3% 9 Weakest -7% 9 Weakest	ć- ć-			
Basic Materials	METALS & MINING - Aluminum METALS & MINING - Copper	Kaiser Aluminum Corp	4.0	1	SCCO	8% 1 Strongest	Ç- Ç-			-> -> -> ->
		Southern Copper Corp	3.0	2	FCX				-> -> -> ->	
Basic Materials Basic Materials	METALS & MINING - Copper METALS & MINING - Gold	Freeport-McMoran Inc Eldorado Gold Corporation	4.0	1	EGO	7% 3 Stronger 7% 1 Strongest			-> -> -> ->	2 -2 -2 -2
Basic Materials	METALS & MINING - Gold METALS & MINING - Gold	Alamos Gold Inc	4.0	2	AGI	3% 1 Strongest				
Basic Materials	METALS & MINING - Gold METALS & MINING - Gold	Agnico Eagle Mines Ltd	4.0	3	AGI	3% 1 Strongest				-> -> -> ->
Basic Materials	METALS & MINING - Gold	Royal Gold Inc	4.0	4	RGLD	3% 1 Strongest				
Basic Materials	METALS & MINING - Gold METALS & MINING - Gold	Franco Nevada Corp	4.0	5	FNV	1% 1 Strongest				
Basic Materials	METALS & MINING - Gold	Osisko Gold Royalties Ltd	4.0	6	OR	-1% 1 Strongest				
Basic Materials	METALS & MINING - Gold METALS & MINING - Gold	Seabridge Gold Inc	3.0	7	SA	2% 2 Very Stron			-> -> -> -> -> -> ->	
Basic Materials	METALS & MINING - Gold	Barrick Gold Corp	2.0	8	GOLD	0% 3 Stronger				
Basic Materials	METALS & MINING - Gold	Sandstorm Gold Limited	3.0	9	SAND	-2% 4 Strong			-> -> -> -> -> -> ->	
Basic Materials	METALS & MINING - Gold	Newmont Corporation	2.0	10	NEM	-5% 5 Average			77777	
Basic Materials	METALS & MINING - Gold METALS & MINING - Industrial Metals & Minerals	Alpha Metallurgical Resources Inc	4.0	10	AMR	-5% 5 Average 7% 1 Strongest				-> -> -> -> ->
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Teck Resources Limited	4.0	2	TECK	3% 1 Strongest			2222	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Materion Corporation	4.0	3	MTRN	1% 1 Strongest				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Warrior Met Coal	3.0	4	HCC	7% 3 Stronger			-> -> -> ->	
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Nexa Resources S.A.	3.0	5	NEXA	4% 3 Stronger				> -> ->
Basic Materials	METALS & MINING - Industrial Metals & Minerals	U.S. Silica Holdings	3.0	6	SLCA	2% 3 Stronger			-> -> -> -> -> -> -> ->	
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Cameco Corp	2.0	7	CCJ	4% 5 Average			99999	, -, -,
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Natural Resource Partners	1.0	8	NRP	-1% 5 Average				<- <- <- <- <-
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Alliance Resource Partners LP	3.0	9	ARLP	3% 5 Average		-> -> ->		
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Peabody Energy Corporation	2.0	10	BTU	0% 7 Weaker			,,,	
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Centrus Energy Corp	1.0	11	LEU	6% 7 Weaker				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Arch Resources` Inc	2.0	12	ARCH	-1% 8 Very Weak		C- C-		
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Livent Corporation	2 .5	13	LTHM	9% 9 Weakest				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Lithium Americas Corp	2.5	14	LAC	7% 9 Weakest				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	MP Materials Corp	2 .5	15	MP	5% 9 Weakest				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Energy Fuels Inc	2 .5	16	UUUU	5% 9 Weakest				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	NACCO Industries Inc	2 .5	17	NC	4% 9 Weakest				
Basic Materials	METALS & MINING - Industrial Metals & Minerals	Compass Minerals International	2 .5	18	CMP	0% 9 Weakest				
Basic Materials	METALS & MINING - Industrial Metals & Minierals METALS & MINING - Nonmetallic Mineral Mining	Hallador Energy Co	0.0	1	HNRG	-3% 3 Stronger				<- <- <- <-
Basic Materials	METALS & MINING - Nonmetallic Mineral Mining	CONSOL Energy Inc	0.0	2	CEIX	2% 3 Stronger				C- C- C- C- C-
Basic Materials	METALS & MINING - Nonmetallic Mineral Mining	Ramaco Resources Inc	0.5	3	METC	2% 9 Weakest				
Basic Materials	METALS & MINING - Normetanic Mineral Mining METALS & MINING - Silver	Wheaton Precious Metals Corp	4.0	1	WPM	3% 1 Strongest				
Basic Materials	METALS & MINING - Silver	SilverCrest Metals	4.0	2	SILV	-1% 1 Strongest				-> -> -> ->
Basic Materials	METALS & MINING - Silver	Mag Silver Corp	2.0	3	MAG	1% 1 Strong				
Basic Materials	METALS & MINING - Silver	Pan Amer Silver Cp	1.0	3 4	PAAS	-4% 5 Average			<- <- <-	
Basic Materials	METALS & MINING - Silver	SSR Mining Inc	2.0	5	SSRM	0% 6 Weak				
Basic Materials	METALS & MINING - Silver	First Majestic Silver Corp	2.0	6	AG	-1% 7 Weaker				
Basic Materials	METALS & MINING - Steel & Iron	US Steel Corp	2.0	1	X	4% 5 Average				
Basic Materials	METALS & MINING - Steel & Iron	Commercial Metals Co	2.0	2	CMC	2% 5 Average				
Basic Materials	METALS & MINING - Steel & Iron	Steel Dynamics Inc	2.0	3	STLD	1% 5 Average				
Basic Materials	METALS & MINING - Steel & Iron	Cleveland-Cliffs Inc	2.0	4	CLF	1% 5 Average				
Basic Materials	METALS & MINING - Steel & Iron	Nucor Corp	2.0	5	NUE	0% 5 Average				
Basic Materials	METALS & MINING - Steel & Iron	Suncoke Energy Inc	2.0	6	SXC	0% 5 Average				
Basic Materials	METALS & MINING - Steel & Iron	Timken Steel Corp	3.0	7	TMST	4% 6 Weak		-> -> -> ->		
Basic Materials	METALS & MINING - Steel & Iron	Northwest Pipe Co	2.0	8	NWPX	2% 8 Very Weak				
Basic Materials	METALS & MINING - Steel & Iron METALS & MINING - Steel & Iron	Insteel Industries Inc	2 .0	8 9	IIIN	5% 9 Weakest				
Pasic iviate (d)	WE THE & WINNING - Steel & HOH	mateer muusunes me	2.3	9	ALL N	370 3 Weakest			II III	